

Title (en)
ACTUATION SYSTEM

Title (de)
BETÄTIGUNGSSYSTEM

Title (fr)
SYSTÈME D'ACTIONNEMENT

Publication
EP 4074527 A1 20221019 (EN)

Application
EP 21167769 A 20210412

Priority
EP 21167769 A 20210412

Abstract (en)
An actuation system for actuating at least one flap of a HVAC module (300), the actuation system including an actuating cable (10) and a cam (20) wherein at least a portion of the actuating cable (10) is securely held within a sheath (10a) and is guided by and moved through a cable guide (11) to exert pulling force, the cam (20) is mounted on a housing (310) and is actuated by the pulling force exerted by the actuating cable (10) connected thereto at a fixation point (22), the cam (20) rotates and converts motion of the actuating cable (10) into angular movement of a flap interacting with the cam (20) and the cam (20) includes an auxiliary guiding pin (24) disposed thereon between the cable guide (11) and the fixation point (22) and above the actuating cable (10).

IPC 8 full level
B60H 1/00 (2006.01)

CPC (source: EP)
B60H 1/00578 (2013.01); **B60H 1/00857** (2013.01)

Citation (search report)

- [I] US 3283692 A 19661108 - HANS FROITZHEIM
- [I] KR 20120001271 A 20120104 - DOOWON CLIMATE CONTROL CO LTD [KR]
- [A] JP 2001347824 A 20011218 - DENSO CORP

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4074527 A1 20221019

DOCDB simple family (application)
EP 21167769 A 20210412